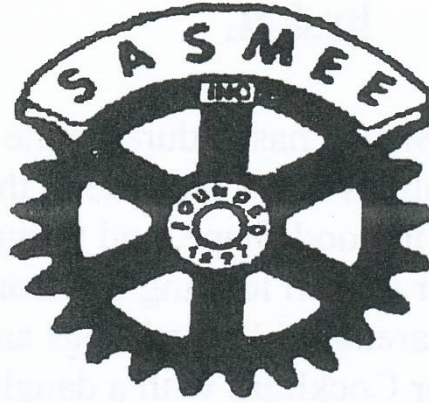




**SOUTH AUSTRALIAN SOCIETY OF MODEL
& EXPERIMENTAL ENGINEERS**

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S.A.S.M.E.E. BULLETIN

1927 ----- 2009

THE OFFICIAL JOURNAL OF
THE SOUTH AUSTRALIAN SOCIETY OF
MODEL & EXPERIMENTAL ENGINEERS INC.

DECEMBER 2009

ISSN/0155/3700

HAPPENINGS

By J.M.

Since our last bulletin, SASMEE has endured quite a number of hot days, as most South Australians know and due to the good work all our members do, everything is in good shape, and trying to keep the grounds green are difficult, however it is all looking fine considering.

SASMEE are now proud parents to 12 ducklings and also a new family member for Dianne & Peter Cockburn with a daughter - Fiona 5th November 2009. Congratulations to Dianne & Peter and I'm sure there will be some sleepless nights to come ahead.

Bill Coles has had a minor set back and I'm sure all is well now, Bill will be taking it easy for a little while for things to get back to normal. We also had a lesson in silver soldering from Simon Huntington and he has taught us well, this was a fantastic session and we also had a show of work night where members brought their models, some for the first time. We also had our club luncheon where 38 people attended and also a visit to the planetarium and learnt about what was in the sky's above. During 2009 Dinki Di Engineering (Ian Thomas, John Monte) were involved with the Australian Technical College – Adelaide South. As part of the students curriculum 'Community Project' the mentors decided to build a 5" electric shunter and pass it on to SASMEE as the final outcome. The students learnt about fitting & machining and how it was important to make parts as per drawing and were able to see how easy it was for the assembly of the model. On Wednesday 18th

November 2009 13 students and mentor John Cardew presented SASMEE with a 5" electric shunter, although not completely finished, John Monte will be completing the loco in the next few months. Since the last bulletin SASMEE has had 2 new members - Rex Pasche and John Shelton.

To Finish off, I wish everyone A MERRY XMAS and a safe and HAPPY NEW YEAR and may the new year bring more modelling experiences.

SUNDAY PUBLIC FIELD DAY

4TH OCTOBER 2009

Some 37 members came out on a day of 19 degrees, sunny and all enjoyed the afternoon with 2 major birthday parties. A fellow modeller Jack Harper and Mrs Jack Harper from "Melbourne Society of Model Experimental Engineers" paid us a visit and commented how good SASMEE was, and was sure to come back and see us at a later date. Margaret Lewis, Jean Clark and Helen Greenslade were busy in the canteen and Barbara Beal was kept busy with the public selling Train caps, Books and Badges.

SASMEE PARK STATION 3 ½" & 5"

John Beal / David Hawkins	0-6-0	Schenectady
Brad Cottle / Ben Cottle	0-4-0	Electric Shunters #49 & #53 - double head
Malcolm Ambler		N.S.W. class D/E #42215
John Monte	0-4-0	Electric shunters J004 & J005 - double head
Michael Tingay		Heisler

Trains were dispatched by Ian Clark, Brian Greenslade.

This was an excellent turnout considering some 5" modellers went to Port Augusta for their annual invitation run.

MILLSWOOD STATION 5" & 7 ¼"

Bob Nash / Glen Templeman	0-6-0	Koppel
Barry Dunstan	0-4-0	Dolgoch
John Lewis	0-6-0	Simplex
Bert Francis / John Daly	0-4-0	Harry
Les Smith	4-6-0	Karalee
Ian Thomas	0-6-0	Hunslet #4 Diesel
Bill Coles	0-4-0	Jens #1938
John Daly	0-4-4	Round House Rat V9

This was a fantastic turn out of locomotives by members and all ran smoothly all afternoon. Trains were dispatched by Alex Mitropoulos and Mark Coxon.

STEAMHOUSE

Bob Scanlan, John Weidenhofer, Ralph Ollerenshaw,

con'td

BOAT POND

Norm Kernick

John Babi

John Beal

Stan Shelton

John Shelton

- EA Farquar - Pilot Launch

- Atlantic Tug Boat

- Elke

- P.S. Adelaide

- Turbo Cruiser

PENFIELD 40th ANNIVERSARY INTERCLUB RUN 10th- OCTOBER 2009

Some 14 members went out to Penfield for their interclub run and the weather was perfect and no one left disappointed. The hospitality was excellent, lots of chit chatting, looking at old photographs and trying to remember who they were and everyone was able to play trains. Penfield also put on a very pleasant lunch, even with anniversary cake to top it off, to make the day even more enjoyable. Some members do belong to both clubs. Great camaraderie.

John Beal / David Hawkins

Schenectady

Graeme Driscoll

German p/type

V8

John Monte / Jackie Monte

J004, J005

Electric shunters

Brad Cottle / Ben cottle

#49, #53 Electric

Shunters

Bob Nash / Glen Templeman / Mitchell Templeman

4-8-4

Barry Dunstan

Dolgoch

John Lewis

Simplex

It was good to see one of our ladies - Jackie Monte driving Jack & Junior and having a lot of fun.

OCTOBER MEETING NIGHT – ACTIVITY

28 Members stayed back for a very interesting evening on gas welding - soldering. Simon Huntington gave the session and was very thorough in the way he showed everyone. Members were given an information sheet on the basics outlining what was required to do the types of soldering.

We covered

Soft Soldering – radiator tank.

con`td

Silver Soldering – copper, brass, stainless steel, carbide tips

Braze welding – cast iron

Many thanks to Simon Huntington on the evening as it all looked very easy and I'm sure many learnt a lot and valuable information. I'm sure many little projects will appear from now on. Some members even had the opportunity to take home some turning tools for their lathes. As I say "If in doubt, Ask"

SATURDAY PUBLIC FIELD DAY

17TH OCTOBER 2009

39 members attended the run day, the expected showers stayed away and the day was sunny at about 19 degree C.

There were 6 major parties and both stations were kept busy with birthday party children having rides and parents assisting.

Margaret Lewis, Jean Clark, Suzanne Clark and Dorothy Ambler were kept busy in the canteen all afternoon and to the requests of fellow modellers.

STEAMHOUSE

In the steamhouse Ralph Ollerenshaw, John Weidenhofer and Bob Scanlan were kept busy answering many questions and explaining how things ran with all stationary engines running at one time. There was also an added exhibit of a stationary engine driving a generator to power a light on a light pole. John will probably run it again for everyone to have a look.

SASMEE PARK STATION 3 ½" & 5"

Allan Wallace	0-4-0	Juliet
Ian Foster (training)	0-4-0	Tich
Allan Wallace / Robin Wallace	4-6-0	Black Five
John Beal / David Hawkins	0-6-0	Schenectady
Simon Lindsay	2-8-0	Nigel Gresley #457
Michael Moyse		Bud
Malcolm Ambler		N.S.W. class D/E #42215
John Monte	0-4-0	J004, J005 Double head
electric shunters		

It was good to see Robin Wallace back out driving the Black Five.

Trains were dispatched by station attendants Ainsley Cuthbertson, Ian Clark and Michael Tingay.

con'td

MILLSWOOD STATION 5" & 7 ¼"

Graeme Driscoll		4 Truck Shay
John Lewis	0-6-0	Simplex
Barry Dunstan	0-4-0	Dolgoch

Trains were dispatched by Alex Mitropoulos

BOAT POND

Norm Kernick	- EA Farquar Pilot Launch
Bob Smith	- Port New Plymouth Cargo Ship
John Babi	- Atlantic Tug Boat
Michael Priest	- Corvette HMAS Gardenia
	- MSC Archer Tug Boat
Alan Saunders	- HMS Granadia Military Class Armed
Trawler	
Mary Turner	- Clipper Trawler – Bristol Bay
Gerry Turner	- Aishah 2
Stan Shelton	- Paddlesteamer – Adelaide
John Beal	- Elke

CLARE INTERCLUB RUN OCTOBER 31

John Lewis and Margaret Lewis visited Clare Valley and were surprised at the hospitality given. John took his 7 ¼" 0-6-0 Simplex and had an enjoyable run with his locomotive and also enjoyed a sausage sizzle. John spoke so highly, it's certainly worth a visit in 2 years by more members.

SUNDAY PUBLIC FIELD DAY

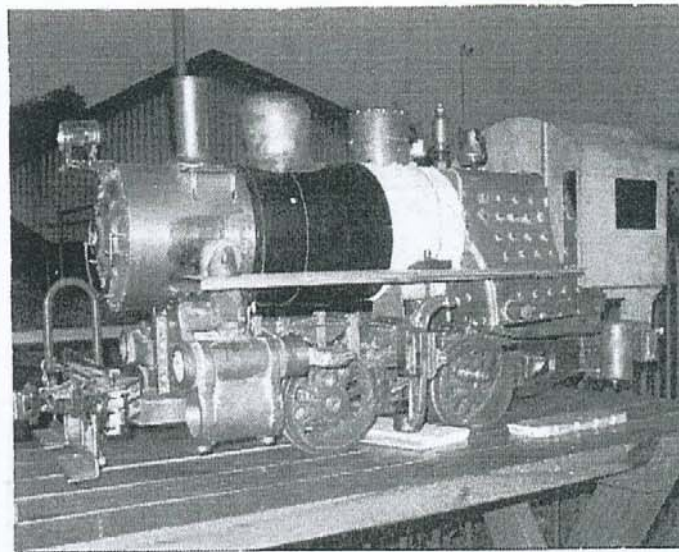
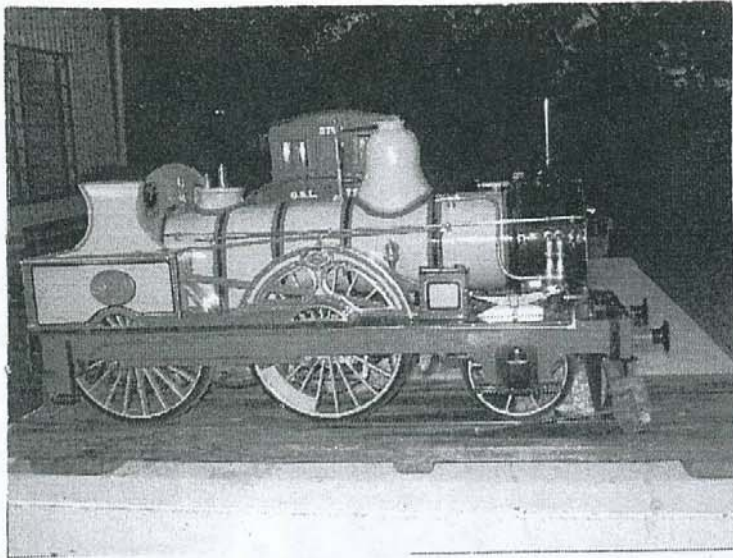
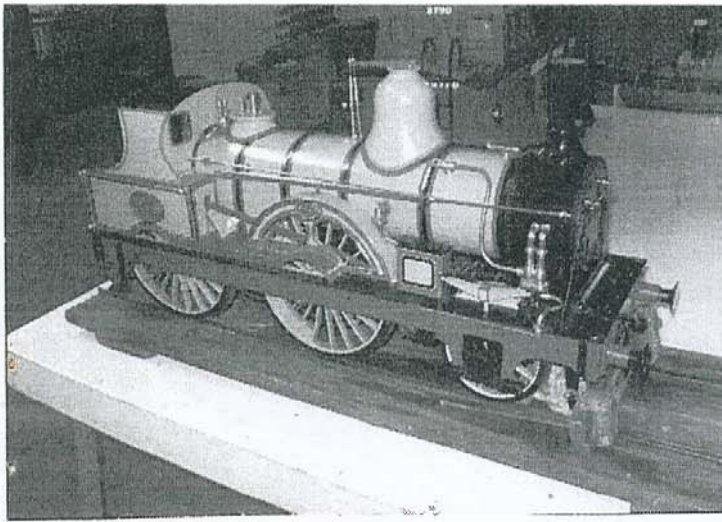
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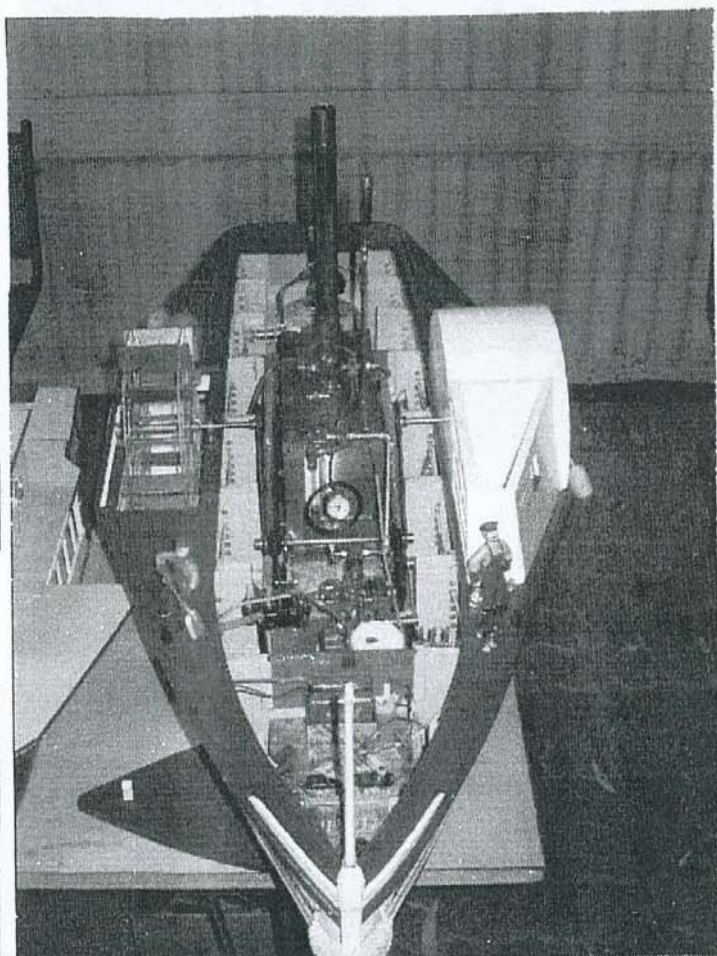
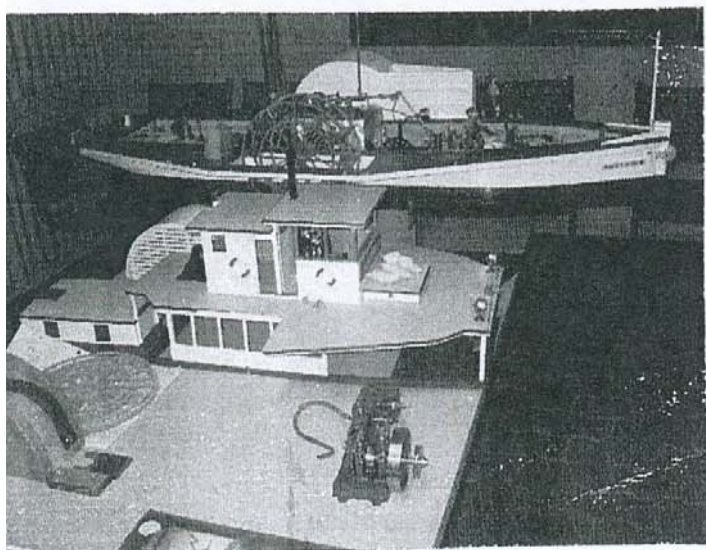
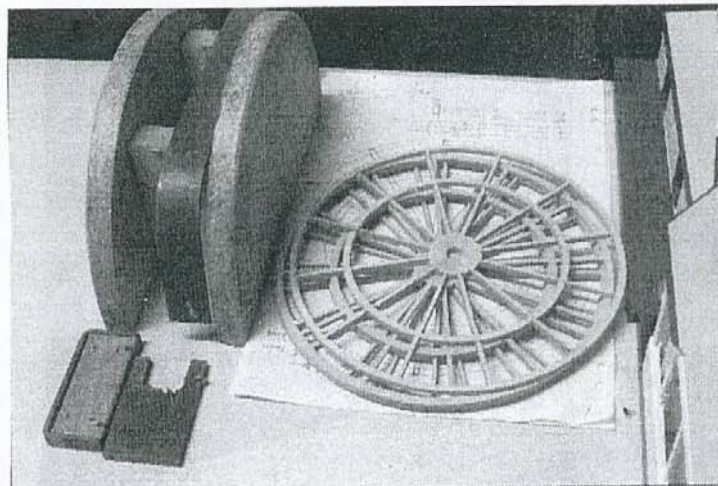
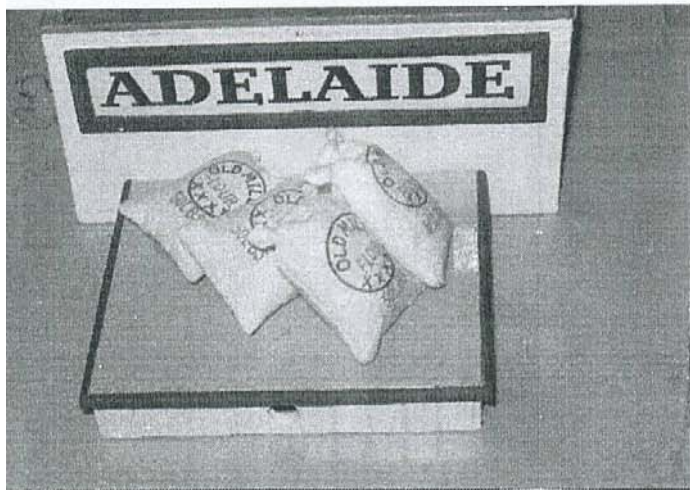
On a day with expected temperatures of 34 degrees C, there was a good turn out of 28 members and all helped in all ways to make the run day a successful one as one would say. 'Many hands make light work'.

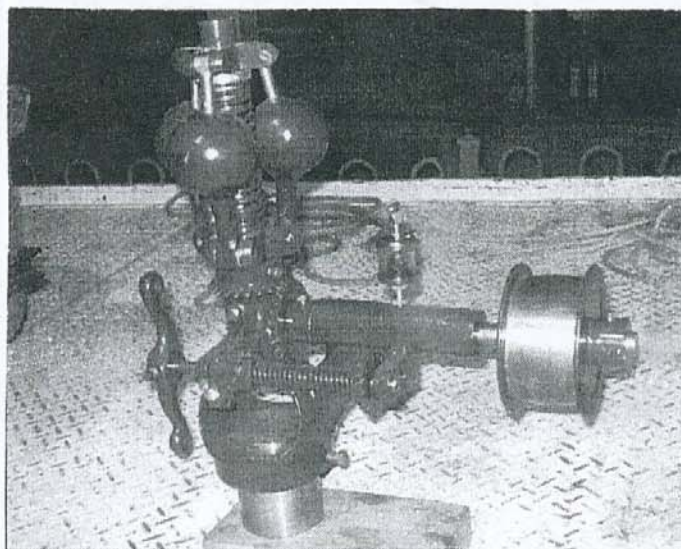
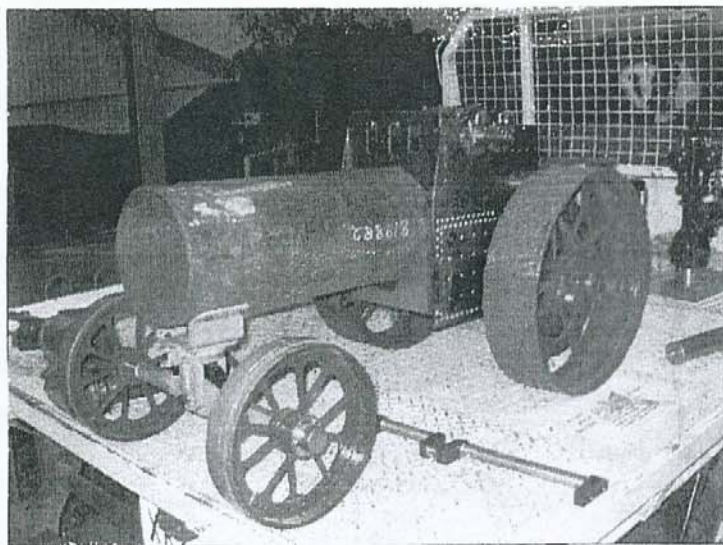
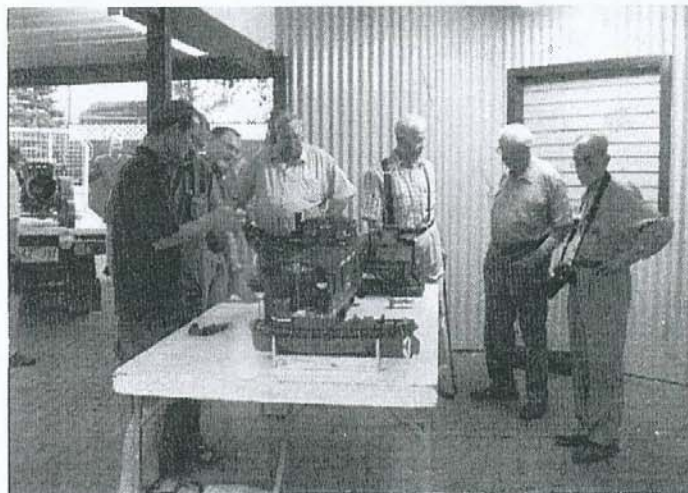
There were 2 major birthday parties and a few visitors from the Netherlands who were enjoying the rides and the relaxing atmosphere.

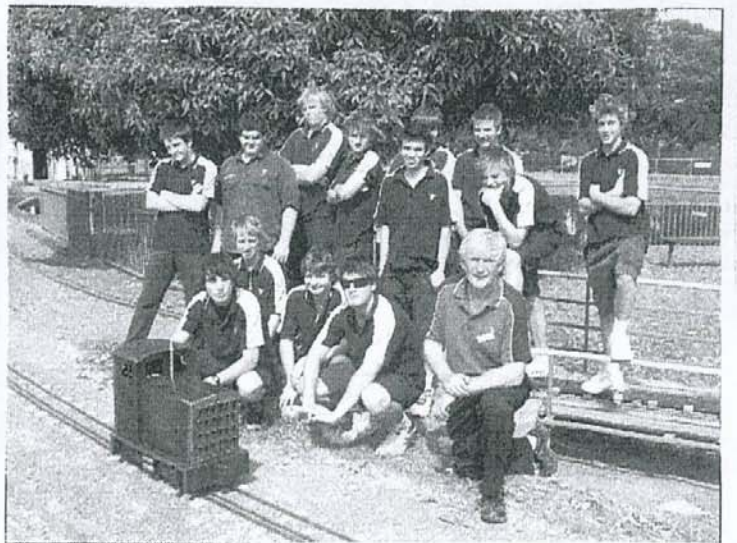
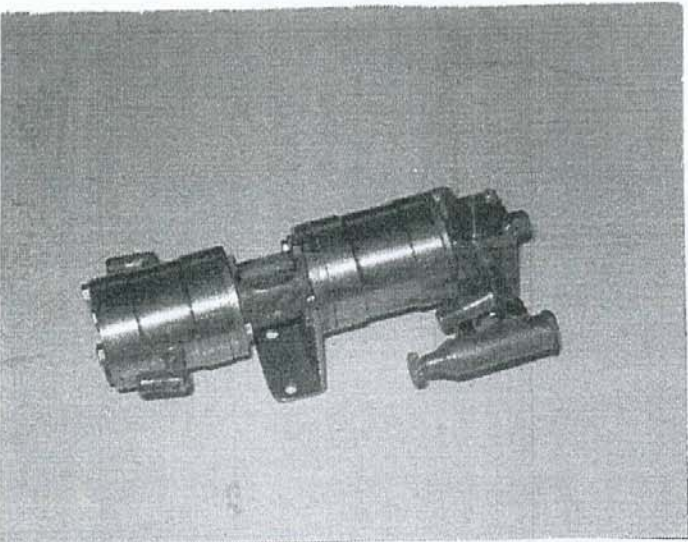
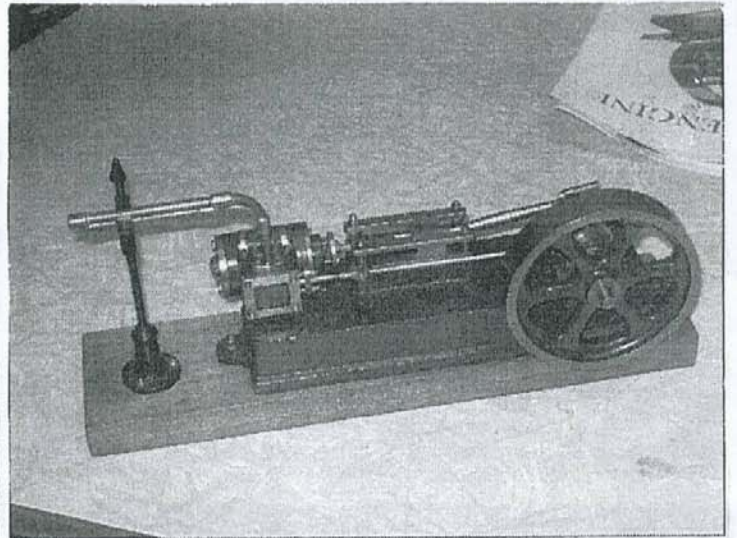
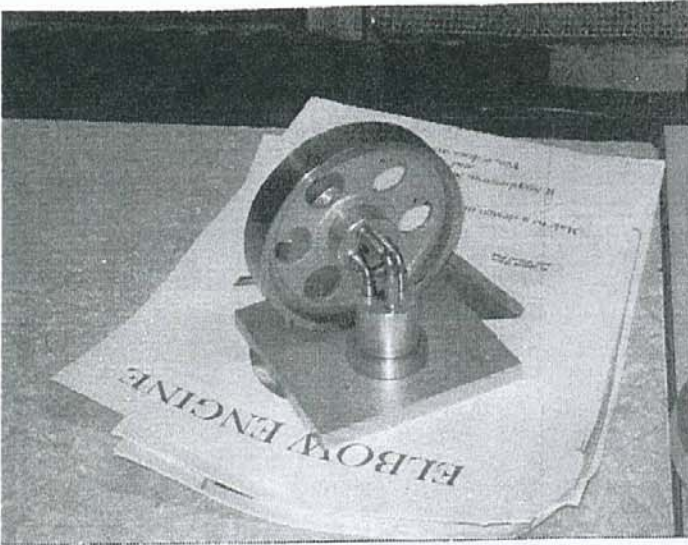
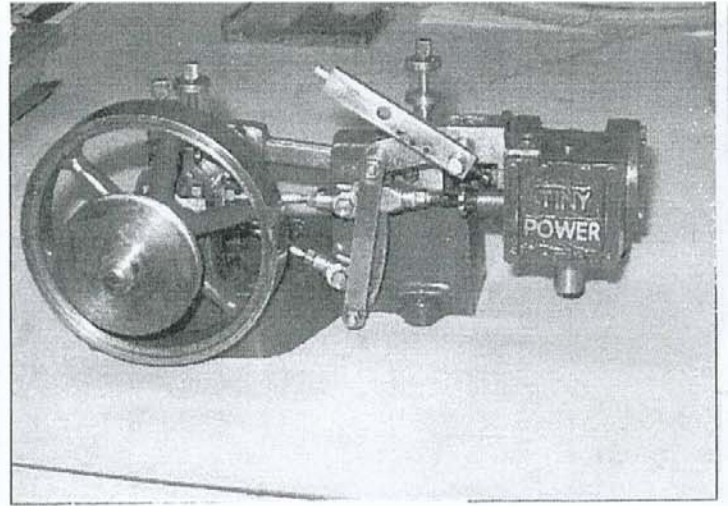
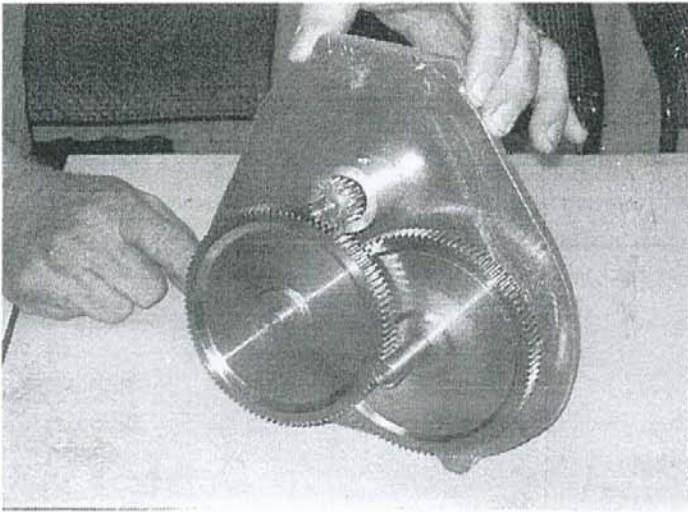
The canteen girls, Jean Clark, Margaret Lewis and Jackie Monte were kept busy and cool under the air conditioning all afternoon, also finding some members hanging around enjoying the cool breezes as well.

con'td









STEAMHOUSE

Bob Scanlan, John Weidenhofer, Ralph Ollerenshaw and David Eustice

SASMEE PARK STATION 3 ½" & 5"

Simon Lindsay / Ben Cottle	2-8-0	Nigel Gresley #457
John Beal / David Hawkins	0-6-0	Schenectady
John Monte / Brad Cottle / Ben Cottle	0-4-0	Electric shunters

J004 & J005 -

double head

Trains were dispatched by Mark Coxon, Ian Clark, Michael Tingay ,
Brad Cottle and John Monte, this was an excellent sharing of duties.

MILLSWOOD STATION 5" & 7 ¼"

John Lewis	0-6-0	Simplex
Graeme Driscoll	0-6-0, 0-6-0	5" Kitson Meyer

Trains were dispatched by Alex Metropoulos.

BOAT POND

Michael Priest	- Corvette HMAS Gardenia
	- MSC Archer - Tug Boat
Stan Shelton	- Adelaide - Paddlesteamer
Barry Dunstan	- Tomar - Tug boat
Bill Weste	- Langdon - Steam Boat
John Beal	- Elke
Bob Smith	- Derrin Class Destroyer
Malcolm Ambler	- Steam Boat
	- Speed Boat

NOVEMBER - SHOW OF WORK

47 Members came to a very warm night to see what was new in the area of building. It is wonderful to see the amount of diversity happening in backyard sheds and the quality of the work is outstanding as all models are working models. The night went on for quite a while as members answered many questions and explained how many areas of their models were made.

Michael Priest – Tugboat – MSC Archer

Brad Cottle – 5" OSL Caboose

Gerald Cox – Double acting Steam Pump

John Mere – Pennsylvania 0-4-0 A5S Class Steam Switcher

con`td.

Simon Huntington – 12” Buffalo Pitts – Whistle, Governor
 Bob Smith – NER 4-2-0 Fletcher #910
 John Weidenhofer – Stationery Engine
 Ross Stephenson – Elbow Stationery Engine
 Graeme Driscoll – Tesla Turbine & Reduction Gears
 Stan Shelton – Paddle Steamer, Adelaide (galley, toilets, decking, rear cabin)
 Barry Dunstan – Fullsize 56 Head Lamp (RX or WX)
 Simon Huntington – 3” Alchin

PLANETARIUM VISIT

17 Members enjoyed a very informative night about the stars in our sky. We also viewed some of the equipment used and it also showed us how our predecessors, viewed the sky's with the limited equipment available.

SATURDAY PUBLIC FIELD DAY

21st NOVEMBER 2009

On a day with rain expected and looking out in the morning, it didn't look good at all, however the heavens didn't open up and the run day had 36 members show up and it turned out to be absolutely perfect. Jean Clark, Margaret Lewis, Margaret Stambrooks and Jill Smith were kept busy with 3 major parties.

STEAMHOUSE

Bob Scanlan, John Weidenhofer, Ralph Ollerenshaw

SASMEE PARK STATION 3 ½” & 5”

Allan Wallace	0-6-0	Speedy
Ian Foster (training)	0-4-0	Tank.
Michael Moyse		Bud
Malcolm Ambler		N.S.W. class D/E #42215
John Monte	0-4-0	Electric shunters J004 & J005
- double head		
Bob Smith	4-2-0	NER Fletcher #910
Peter Hoyer	2-8-2	D&RGW Mudhen #453
Bryan Homann	2-8-0	#456

Trains were dispatched by station attendants Ainsley Cuthbertson, Ian Clark and Jackie Monte. con'td.

MILLSWOOD STATION 5" & 7 ¼"

Barry Dunstan	0-4-0	Dolgoch
Graeme Driscoll		4 Truck Shay
John Lewis	0-6-0	Simplex
Bob Nash / Glen Templeman	0-6-0	Koppel
/ Mitchell Templeman		

Trains were dispatched by Milton Smith.

BOAT POND

Michael Priest	- Afric Star
	- MSC Archer - Tug Boat
Stan Shelton	- Adelaide - Paddlesteamer
John Babi	- Atlantic Tug Boat
	- Work boat Tug Boat
John Shelton	- Turbo 2 Cruiser
	- Speedboat Twister
	- R & D Speedboat
Roy Shelton – visitor	- Driving brother Stan's Paddle Steamer

DATES TO REMEMBER

DECEMBER 19 th	XMAS BARBEQUE
JANUARY 2 ND	CLEAN UP DAY 1PM – 4 PM
JANUARY 3 RD	SUNDAY PUBLIC FIELD DAY
JANUARY 12 TH	SASMEE INTERCLUB RUN
JANUARY 16 TH	SATURDAY PUBLIC FIELD DAY
FEBRUARY 6 TH	MORPHETT VALE RAILWAY INTERCLUB
RUN DAY	
FEBRUARY 7 TH	SUNDAY PUBLIC FIELD DAY
FEBRUARY 20 TH	SATURDAY PUBLIC FIELD DAY
MARCH 6 TH	CLEAN UP DAY 1PM – 4PM
MARCH 7 TH	SUNDAY PUBLIC FIELD DAY
MARCH 20 TH	SATURDAY PUBLIC FIELD DAY
APRIL 2 ND – 5 TH	54 TH A.A.L.S. CONVENTION – WARNER
QUEENSLAND	
APRIL 3 RD	CLEAN UP DAY 1PM – 4PM
APRIL 4 TH	SUNDAY PUBLIC FIELD DAY
APRIL 17 TH	SATURDAY PUBLIC FIELD DAY

FOR SALE

7.25" ----- 4 Truck SHAY.

See Graeme Driscoll for further details.

Phone 8276 9387.

FOR SALE

Bench Drill, currently on a stand. 1/2" capacity Jacobs chuck. 5 speed. Near new 1/2 hp motor.

Original English manufacture. Good condition.

For details, phone Bill Coles 8296 2167

PHOTO SECTION.

The photos of the November Show of Work were taken by Jeff Scheafer.

OTHER THINGS

By Bill Coles, Editor.

In the October Bulletin I made reference to the publication "Australian Made" which covered significant milestones in Australian manufacturing. The following carries on from where we left off in 1958.

1960:- Sutton Tool and Gauge starts a second plant to make "ground from solid" twist drills. First Ford Falcon produced.

1962:- First NC machine installed at Aeronautical Research Laboratories. Millionth Holden produced.

1964:- Hercus builds 10,000th nine inch lathe. Chrysler builds Tonsley Park plant 1962/64. for 36 Million pounds.

1965:- First pacemakers produced in Sydney by Paul Trainer of a company called "Nucleus".

1969:- Melbourne toolmaking company, Diecraft Australia were producing tooling for "Tupperware" for world wide use.

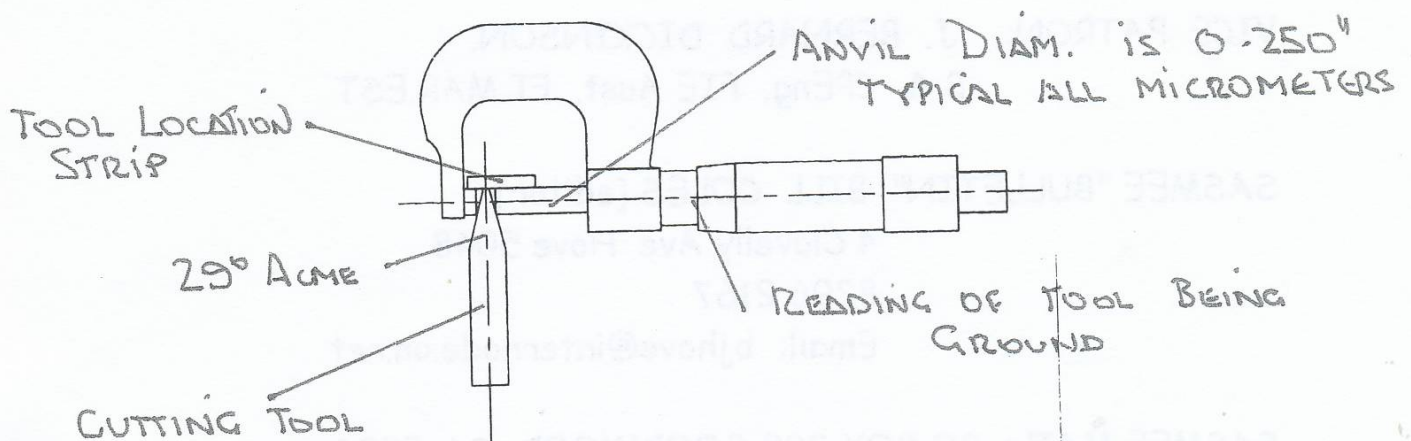
1970:- Fiftieth ship launched at Whyalla. McPherson's stop building machine tools. Gerards [Clipsal] expands to workforce of 600.

1971:- John Siddons produced the "Ramset" gun into Australia. Also manufactures of "Sidchrome spanners"

1972:- GMH introduces Japanese made Isuzu commercials. Australian Government approves manufacture of Nomad aircraft. con'td.

- 1973:- Whitlam Government cuts tariffs by 25 percent.
- 1974:- The Defence Research Centre at Salisbury [DSTO] and the RAN Research Laboratories in Sydney developed a sonar submarine and torpedo detection system called "Mulloka" Aboriginal for "Water Devil" or "Devil Fish"
- 1980:- Mitsubishi buys Chrysler Australia. Alloy cylinder head for Falcons 6 cylinder introduced. Bob Hawke resigns as President of the Australian Council of Trade Unions to enter politics. GMH closes its Pagewood plant in Sydney.
- 1981:- 4 millionth Holden made. GMH engine plant commissioned at Fishermens Bend. Ford announces front-wheel drive Laser. Metal trades workers get 38-hour week.
- 1982/3:- The Automotive industry included 870 establishments, employed 72,000 people [6.8 of the total manufacturing workforce] and had an annual turnover of 6 billion dollars.
- 1984:- No5 blast furnace at Pt Kembla had an average capacity of 6400 tonnes a day. Amongst the world's most competitive.
- 1985:- Gerard Industries employs over 1700. Hawker de Havilland and Commonwealth Aircraft Corporation merge. GMH exports exceed \$1200 million a year.

Had reason to cut some Acme threads. Grinding the 29 degree angle is fairly straight forward. Accurately measuring the tip width is difficult. Found the following tip in the Model Engineers Workshop. See set-up Diagram. Having determined the tip width from charts etc, if you subtract your micrometer reading from the constant 0.1293" you will have your actual tip width. So you can adjust accordingly.



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2009---2010

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